

Sample Plan of Study

This is a 4 year sample plan of study that assumes courses are taken during the fall and spring.

This is a guide and is not meant to take the place of the advice of your major advisor, you should consult with them before making any changes.

Freshman Year		
FALL		CREDIT HOURS
MIC 304	Introduction to Microbes and the Immune System (Lab)	3
BIL 150	General Biology	4
BIL 151	General Biology Laboratory	1
CHM 121	Principles of Chemistry	4
CHM 113	Chemistry Laboratory I	1
WRS 105	First-Year Writing I	3
Credit Hours		16
SPRING		
MIC 301	Introduction to Microbes and the Immune System	3
BIL 160	Evolution and Biodiversity	4
BIL 161	Evolution and Biodiversity Laboratory	1
CHM 221	Introduction to Structure and Dynamics	4
CHM 205	Chemical Dynamics Laboratory	1
WRS 106 or 107	First-Year Writing II or First-Year Writing II: STEM	3
Credit Hours		16
Sophomore Year		
FALL		
BPH 206	Introduction to Public Health	3

BPH 202	Introductory Statistics in Health Care (Also satisfies Arts and Science Statistics Requirement)	3
CHM 222	Organic Reactions and Synthesis	4
CHM 206	Organic Reactions and Synthesis Laboratory	2
MTH 161	Calculus I	4
Credit Hours		16
SPRING		
MIC 321	Immunobiology	3
BPH 208	Introductory Epidemiology	3
BMB 401	Biochemistry for the Biomedical Sciences	4
MTH 162	Calculus II	4
Recommended MCAT, GRE, DAT or OAT...		
Credit Hours		14
Junior Year		
FALL		
BPH 310	Global Health	3
BPH 321	Health Promotion and Disease Prevention	3
PHY 101	College Physics I	4
PHY 106	Physics Laboratory 1	1
Foreign Language Course		3
Credit Hours		14
SPRING		
MIC 470	Advanced Topics in Microbiology and Immunology (B) (or MIC 460 in the Fall)	3
BPH 309	Health and Environment	3
BPH 322	Introduction to Health Policy	3
PHY 102	College Physics II	4
PHY 108	Physics Laboratory 2	1
Possible MCAT, GRE, DAT or OAT...		
Arts and Humanities Cognate Course		3
Credit Hours		17
Senior Year		

FALL		
MIC 323	Microbial Biology and Pathogenesis	3
Choose one of the following from our research courses (optional):		6
MIC 451	Special Projects in Immunobiology	
MIC 452	Special Projects in Microbiology	
MIC 453	Special Projects in Parasitology	
CHM Elective (optional to get CHM minor) if not, you must have other minor		3
Applications to Medical or Graduate School		
BPH 465	Public Health Statistics and Data Management	3
Credit Hours		15
SPRING		
MIC 322	Medical Parasitology	3
BPH 305	Issues in Health Disparities	3
BPH 490	Field Practicum in Community Health (Must be taken your last semester at UM)	4
Arts and Humanities Cognate Course		3
Arts and Humanities Cognate Course		
Credit Hours		13
Total Credit Hours		121